

# Public Review Draft

Proposed Addendum bf to Standard 189.1-2017

# Standard for the Design of High- Performance Green Buildings Except Low-Rise Residential Buildings

Second Public Review Draft (June 2020)  
(Draft Shows Proposed Independent Substantive  
Changes to Previous Public Review Draft)

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## Foreword

This proposal modifies Addendum bf to address comments regarding spaces without scheduled occupancy and conflicts with Standard 90.1.

*[Note to Reviewers: This addendum makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous public review draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]*

## Addendum bf to 189.1-2017

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*Revise Section 8.3.1.10 as follows:*

**8.3.1.10 Preoccupancy Ventilation Control.** Ventilation systems shall have controls designed to provide *outdoor air* to the zones, prior to their scheduled occupancy, where the zones served by the ventilation system have been unoccupied for 24 hours or longer. ~~For zones without scheduled occupancy, the preoccupancy ventilation controls shall provide *outdoor air* to the zone within 24 hours of the last time *outdoor air* was provided to the zone.~~ This preoccupancy ventilation shall be provided continuously at the zone design *minimum outdoor airflow* for a period of one hour prior to the expected occupancy, or at an *outdoor air* rate and for a time period that provides the same number of air changes as the design *minimum outdoor airflow* for one hour. ~~The requirements for preoccupancy ventilation control duration and *outdoor air* rate supersede any conflicting requirement in ANSI/ASHRAE/IES Standard 90.1.~~ The required combination of ventilation duration and airflow to the zone to accomplish preoccupancy ventilation shall not be modified in response to: sensed occupancy, *demand control ventilation (DCV)* controls, or preoccupancy building warm-up, cooldown or setback.

### **Exceptions to 8.3.1.10:**

1. Zones that are continuously occupied
2. Hotel and motel guest rooms subject to *automatic* control of HVAC and lighting as required in Sections 7 and 8.